

STAY WARM AND ALIVE THIS WINTER



OH, MAN!
WAIT'LL THE
CAPTAIN HEARS
ABOUT THIS.



WELL, IT
COULD'VE
BEEN
WORSE!

YEAH,
WE'RE LUCKY
NO ONE GOT
HURT.



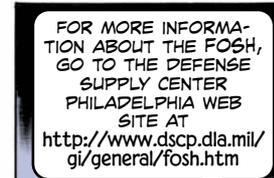
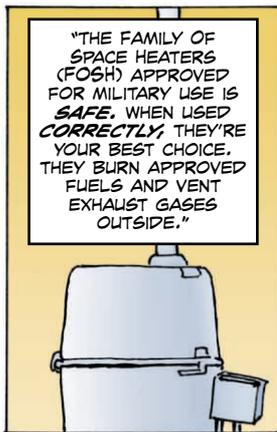
YOU
GOT
THAT
RIGHT.

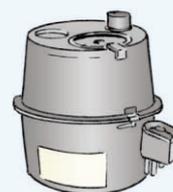
MASTER-
SERGEANT
HALF-
MAST!

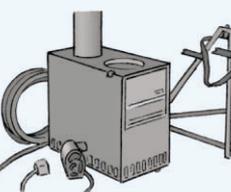


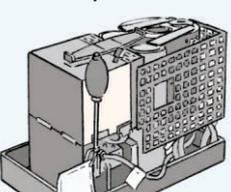
WHAT
DID WE
DO
WRONG?

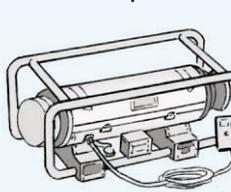
THAT OLD
KEROSENE HEATER
OF YOURS WAS THE
CULPRIT



<p>H-45 Space Heater</p> 	<p>NSN 4520-01-354-1191 (Type I, Solid Fuel) NSN 4520-01-329-3451 (Type II, Liquid Fuel) TM 9-4520-257-12&P</p> <p>The H-45 replaces the old potbelly M-1941. Designed to heat the General Purpose and TEMPER tents, it burns liquid (JP-8 and diesel) and solid fuels.</p>
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<p>Arctic space heater</p> 	<p>NSN 4520-01-444-2375 TM 10-4520-261-12&P</p> <p>The arctic heater replaces the M-1950 Yukon heater. It's a light-weight, portable heater for 5-man and 10-man arctic tents. It burns liquid (JP-8 and diesel) and solid fuels.</p>
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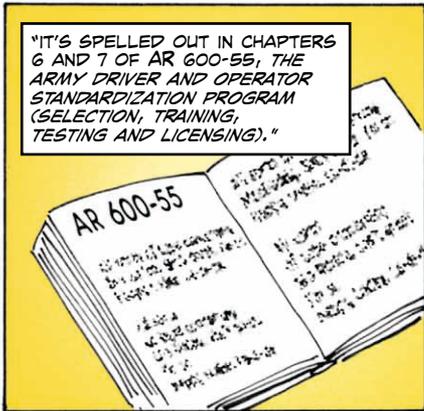
<p>Small space heater</p> 	<p>NSN 4520-01-478-9207 TM 10-4520-263-12&P</p> <p>This heater is ideal for use in smaller tents like the 4-man soldier/crew tent. It burns liquid (JP-8 and diesel) fuel. Although it has a built-in fuel tank, the heater can also run off of an external fuel supply using a fuel can and stand.</p>
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<p>Convective space heater</p> 	<p>NSN 4520-01-431-8927 TM 10-4520-262-12&P</p> <p>This heater provides forced hot air for the modular command post shelter. It generates its own electrical power and it has built-in diagnostics. It burns liquid fuel (JP-8 and diesel).</p>
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<p>Thermoelectric fan</p> 	<p>NSN 4520-01-457-2790</p> <p>This fan is a compact, self-powered unit that fits on top of the H-45 and arctic space heaters. The fan uses some of the heat to turn the fan blades, which circulate heated air, improve comfort and save fuel.</p>
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YOU **MUST** BE TRAINED AND LICENSED TO SET UP AND OPERATE HEATERS.



"IT'S SPELLED OUT IN CHAPTERS 6 AND 7 OF AR 600-55, THE ARMY DRIVER AND OPERATOR STANDARDIZATION PROGRAM (SELECTION, TRAINING, TESTING AND LICENSING)."



BE SAFE. LEARN ALL YOU CAN ABOUT YOUR HEATER **BEFORE** YOU FIRE IT UP.



"**READ** THE TMS."



"**STUDY** LOCAL SOP."



"**ATTEND CLASSES.** PAY ATTENTION TO TIPS..."



"...OFFERED BY YOUR SAFETY PERSONNEL."



THERE ARE **TWO** POSSIBLE HAZARDS WHEN USING SPACE HEATERS...



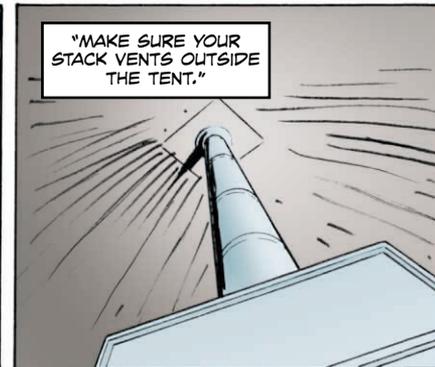
... **CARBON MONOXIDE** AND **FIRE**. ONE CAN POISON, THE OTHER BURNS. **BOTH CAN KILL.**



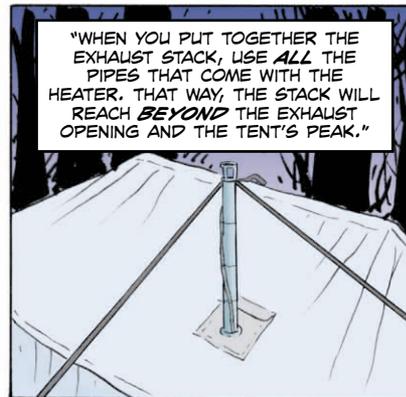
BURNING FUEL CREATES CARBON MONOXIDE... CO. IT'S A GAS YOU CAN'T **SEE** OR **SMELL**. IT'S A **SILENT KILLER.**



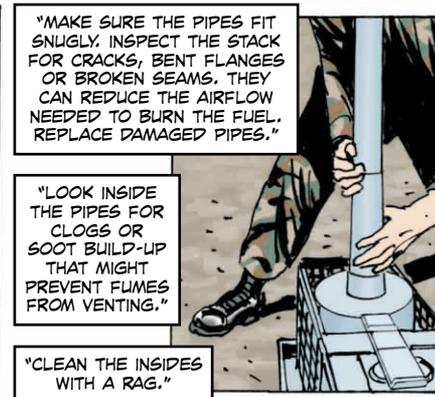
"BREATHING CO CAN CAUSE NAUSEA, DIZZINESS, HEADACHES OR FATIGUE. BREATHING A HEAVY DOSE OF CO CAN **KILL** YOU."



"MAKE SURE YOUR STACK VENTS OUTSIDE THE TENT."



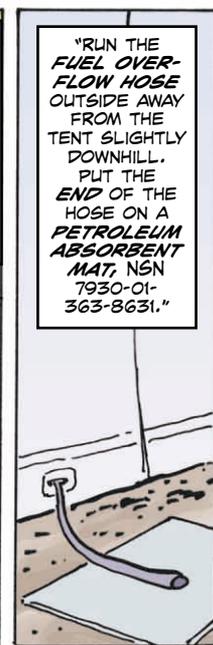
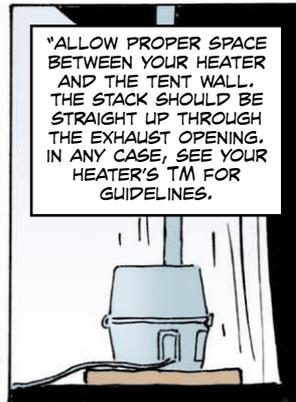
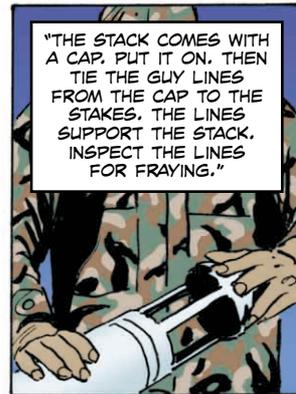
"WHEN YOU PUT TOGETHER THE EXHAUST STACK, USE **ALL** THE PIPES THAT COME WITH THE HEATER. THAT WAY, THE STACK WILL REACH **BEYOND** THE EXHAUST OPENING AND THE TENT'S PEAK."



"MAKE SURE THE PIPES FIT SNUGLY. INSPECT THE STACK FOR CRACKS, BENT FLANGES OR BROKEN SEAMS. THEY CAN REDUCE THE AIRFLOW NEEDED TO BURN THE FUEL. REPLACE DAMAGED PIPES."

"LOOK INSIDE THE PIPES FOR CLOGS OR SOOT BUILD-UP THAT MIGHT PREVENT FUMES FROM VENTING."

"CLEAN THE INSIDES WITH A RAG."



"INSPECT FUEL HOSES FOR CUTS, WEAR, PUNCTURES AND LEAKS. LOOK FOR LEAKS FROM THE FUEL CAN, THE GRAVITY FEED ADAPTER AND THE QUICK DISCONNECT FITTINGS. KEEP THE QUICK DISCONNECTS CLEAN."



"HEATERS MUST **ALWAYS** BE ATTENDED. KEEP A FIREGUARD ON DUTY IN SHIFTS. THE GUARD SHOULD BE TRAINED IN ALARM PROCEDURES, THE USE OF FIRE EXTINGUISHERS AND RECOGNIZING SIGNS OF CO POISONING."



FOR YOUR OWN HEALTH, ALWAYS DO THE BY-THE-BOOK PMCS **BEFORE** USING YOUR HEATER. FOLLOW THE SAFETY RULES. THEY'RE YOUR BEST DEFENSE AGAINST FIRE AND **CARBON MONOXIDE POISONING.**

STAY WARM,
FELLAS.

